

Substitute for form 1449A/B/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	10/578126
		Filing Date	May 10, 2006
		First Named Inventor	Pascual Perez
		Art Unit	1638
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	11887-00008-US
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
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	BA	WO-03/078580	09-25-2003	Pioneer Hi-Bred International, Inc.		
	BB	WO-02/36788	05-10-2002	Institut National de la Recherche Agronomique (INRA)		
	BC	WO-99/50427	10-07-1999	Max-Planck-Gesellschaft Zur Forderung der Wissenschaften E.V.		

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NON PATENT LITERATURE DOCUMENTS				
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	CA	AN, et al., "Development of plant promoter expression vectors and their use for analysis of differential activity of nopaline synthase promoter in transformed tobacco cells", Plant Physiology, Vol. 81, 1986, pp. 86-91.		
	CB	ANDERSON, et al., "The characterization and comparative analysis of high-molecular-weight glutenin genes from genomes A and B of a hexaploid bread wheat", Theor Appl Genet, Vol. 77, 1989, pp. 689-700.		
	CC	ALLISON, et al., "The nucleotide sequence of the coding region of tobacco etch virus genomic RNA: evidence for the synthesis of a single polyprotein", Virology, No. 154, 1986, pp. 9-20.		
	CD	BERG, et al., "The galvanization of biology: a growing appreciation for the roles of zinc", Science, Vol. 271, 1996, pp. 1081-1085.		
	CE	BEVAN, et al., "A chimeric antibiotic resistance gene as a selectable marker for plant cell transformation", Nature, Vol. 304, 1983, pp. 184-187.		
	CF	BOLCHI, et al., "Coordinate modulation of maize sulfate permease and ATP sulfurylase mRNAs in response to variations in sulfur nutritional status: stereospecific down-regulation by L-cysteine", Plant Molecular Biology, Vol. 39, 1999, pp. 527-537.		
	CG	BONELLO, et al., "Esr genes show different levels of expression in the same region of maize endosperm", Gene, Vol. 246, 2000, pp. 219-227.		
	CH	CALLIS, et al., "Introns increase gene expression in cultured maize cells", Genes Dev., Vol. 1:1183, 1987, pp. 1183-1200		
	CI	CASSAB, G. I., "Plant cell wall proteins", Annual Review of Plant Physiology and Plant Molecular Biology, Vol. 49, 1998, pp. 281-309.		

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CJ	CHENG, et al., "The miniature1 seed locus of maize encodes a cell wall invertase required for normal development of endosperm and maternal cells in the pedicel", Plant Cell, Vol. 8, 1996, pp. 971-983.
CK	CHRISTENSEN, et al., "Ubiquitin promoter-based vectors for high-level expression of selectable and/or screenable marker genes in monocotyledonous plants", Transgenic Research, Vol. 5, 1996, pp. 213-218.
CL	CHUPEAU, et al., "Transgenic plants of lettuce (lactuca sativa) obtained through electroporation of protoplasts", Biotechnology, Vol. 7, 1989, pp. 503-508.
CM	CORDTS, et al., "ZmES gene encode peptides with structural homology to defensins and are specifically expressed in the female gametophyte", Plant Journal, Vol. 25, 2001, pp. 103-114.
CN	COSTA, et al., "The globby1 (glo-1-1) mutation disrupts nuclear and cell division in the developing maize seed causing aberrations in endosperm cell fate and tissue differentiation", Development, Vol. 130, No. 20, 2003, pp. 5009-5017.
CO	DEYEYSER, et al., "Evaluation of selectable markers for rice transformation", Plant Physiology, Vol. 90, 1988, pp. 217-223.
CP	DELLA-CIOPPA, et al., "Protein trafficking in plant cells", Plant Physiology, Vol. 84, 1987, pp. 965-968.
CQ	de OLIVEIRA, et al., "Differential expression of five arabidopsis genes encoding glycine-rich proteins", Plant Cell, Vol. 2, 1990, pp. 427-436.
CR	BREYNE, et al., "Effect of T-DNA configuration on transgene expression", Mol. Gen. Genet., Vol. 235, 1992, pp. 389-396.
CS	DEPIGNY-THIS, et al., "The cruciferin gene family in radish", Plant Molecular Biology, Vol. 20, 1992, pp. 467-479.
CT	DOMINGO, et al., "Identification of a novel peptide motif that mediates cross-linking of proteins to cell walls", Plant Journal, Vol. 20, No. 5, 1999, pp. 563-570.
CU	EICHHOLTZ, et al., "Expression of mouse dihydrofolate reductase gene confers methotrexate resistance in transgenic petunia plants", Somatic Cell and Molecular Genetics, Vol. 13, 1987, pp. 67-76.
CV	ELROY-STEIN, et al., "Cap-independent translation of mRNA conferred by encephalomyocarditis virus 5' sequence improves the performance of the vaccinia virus/bacteriophage T7 hybrid expression system", Proc. Natl. Acad. Sci., Vol. 86, 1989, pp. 6126-6130.
CW	FINER, et al., "Development of the particle inflow gun for DNA delivery to plant cells", Plant Cell Reports, Vol. 11, 1992, pp. 323-328.
CX	FRANCK, et al., "Nucleotide sequence of cauliflower mosaic virus DNA", Cell, Vol. 21, 1980, pp. 285-294.
CY	GALLIE, et al., "Eukaryotic viral 5' - leader sequences act as translational enhancers in eukaryotes and prokaryotes", Molecular Biology of RNA, 1989, pp. 237-256.
CZ	GLEAVE, A.P., "A versatile binary vector system with a T-DNA organisational structure conducive to efficient integration of cloned DNA into the plant genome", Plant Molecular Biology, Vol. 20, 1992, pp. 1203-1207.
CA1	GOMEZ, et al., "Establishment of cereal endosperm expression domains: identification and properties of a maize transfer cell-specific transcription factor, ZmMRP-1", Plant Cell, Vol. 14, 2002, pp. 599-610.
CB1	GRITZ, et al., "Plasmid-encoded hygromycin B resistance: the sequence of hygromycin B phosphotransferase gene and its expression in Escherichia coli and Saccharomyces cerevisiae", Gene, Vol. 25, 1983, pp. 179-188.
CC1	GUERCHE, et al., "Genetic transformation of oilseed rape (Brassica napus) by the Ri T-DNA of Agrobacterium rhizogenes and analysis of inheritance of the transformed phenotype", Mol. Gen. Genet., Vol 206, 1987, pp. 382-386.

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	CD1	GUTIERREZ-MARCOS, et al., "Imprinting in the endosperm: a possible role in preventing wide hybridization", Phil. Trans. R. Soc. Lond B, Vol. 358, 2003, pp. 1105-1111.	
	CE1	HAGIWARA, et al., "Screening for imprinted genes by allelic message display: Identification of a paternally expressed gene <i>Impact</i> on mouse chromosome 18", Prod. Natl. Acad. Sci. USA, Vol. 94, 1997, pp. 9249-9254.	
	CF1	HAUPTMANN, et al., "Evaluation of selectable markers for obtaining stable transformants in the gramineae", Plant Physiology, Vol. 86, 1988, pp. 602-606.	
	CG1	HUEROS, et al, "Molecular characterization of BET1, a gene expressed in the endosperm transfer cells of maize", Plant Cell, Vol. 7, 1995, pp. 747-757.	
	CH1	HUEROS, et al., "Evidence for factors regulating transfer cell-specific expression in maize endosperm", Plant Mol Biol., Vol. 41, 1999, pp. 403-414.	
	CI1	HUEROS, et al., "Identification of a promoter sequence from the BETL1 gene cluster able to confer transfer-cell-specific expression in transgenic maize", Plant Physiology, Vol. 121, 1999, pp. 1143-1152.	
	CJ1	ISHIDA, et al., "Identification of a promoter sequence from the BETL1 gene cluster able to confer transfer-cell-specific expression in transgenic maize", Nature Biotechnology, Vol. 14, 1996, pp. 745-750.	
	CK1	JANG, et al., "Hexokinase as a sugar sensor in higher plants", Plant Cell, Vol. 9, 1997, pp. 5-19.	
	CL1	JEFFERSON, et al., "GUS fusions: <i>B</i> -glucuronidase as a sensitive and versatile gene fusion marker in higher plants", EMBO Journal, Vol. 6, 1987, pp. 3901-3907.	
	CM1	JEFFERSON, R.A., "The GUS reporter gene system", Nature, Vol. 342, 1989, pp. 837-838.	
	CN1	JENKINS, et al., "Dehiscence-related expression of an arabidopsis thaliana gene encoding a polygalacturonase in transgenic plant sof Brassica napus", Plant Cell and Environment, Vol. 22, 1999, pp. 159-167.	
	CO1	JOBLING, et al., "Enhanced translation of chimaeric messenger RNAs containing a plant viral untranslated leader sequence", Nature, Vol. 325, 1987, pp. 622-625.	
	CP1	JONES, et al., "Effective vectors for transformation, expression of heterologous genes, and assaying transposon excision in transgenic plants", Transgenic Research, Vol. 1, 1992, pp. 285-297.	
	CQ1	JOUANIN, et al., "Transfer of a 4.3-kb fragment of the tl-DNA of agrobacterium rhizogenes strain A4 confers the pRi transformed phenotype to regenerated tobacco plants", Plant Science, Vol. 53, 1987, pp. 53-63.	
	CR1	KAY, et al., "Duplication of CaMV 35S promoter sequences creates a strong enhanced for plant genes", Science, Vol. 236, 1987, pp. 1299-1302.	
	CS1	LAEMMLI, U.K., "Cleavage of structural proteins during the assembly of the head of bacteriophage T4", Nature, Vol. 227, 1970, pp. 680-685.	
	CT1	LOBREAUX, et al., "Iron induces ferritin synthesis in maize plantlets", Plant Molecular Biology, Vol. 19, 1992, pp. 563-575.	
	CU1	LOMMEL, et al., "Identification of the maize mottle virus capsid protein cistron and characterization of its subgenomic messenger RNA", Virology, Vol. 81, 1991, pp. 382-385.	
	CV1	MAAS, et al., "The combination of a novel stimulatory element in the first exon of the maize <i>Shrunken-1</i> gene with the following intron 1 enhances reporter gene expression up to 1000-fold", Plant Molecular Biology, Vol. 16, 1991, pp. 199-207.	
	CW1	MACEJAK, et al., "Internal initiation of translation mediated by the 5' leader of a cellular mRNA", Nature, Vol. 353, 1991, pp. 90-94.	
	CX1	KNIGHT, et al., "Molecular cloning of starch synthase I from maize (W64) endosperm and expression in <i>Escherichia coli</i> ", The Plant Journal, Vol. 14, No. 5, 1998, pp. 613-622.	
	CY1	McELROY, et al., "Isolation of an efficient actin promoter for use in rice transformation", Plant Cell, Vol. 2, 1990, pp. 163-171.	
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	CZ1	MEIJER, et al., "Transgenic rice cell lines and plants: expression of transferred chimeric genes", Plant Molecular Biology, No. 16, 1991, pp. 807-820.	
	CA2	GAO, et al., "Independent genetic control of maize starch-branching enzymes IIa and IIb", Plant Physiology, Vol. 114, 1997, pp. 69-78.	
	CB2	MORRIS, et al., "The nucleotide sequence of the infectious cloned DNA component of tobacco yellow dwarf virus reveals features of geminiviruses infecting monocotyledonous plants", Virology, Vol. 187, 1992, pp. 633-642.	
	CC2	MULLIS, et al., "Specific synthesis of DNA in <i>Vitro</i> via a polymerase-catalyzed chain reaction", Methods of Enzymology, Vol. 155, 1987, pp. 335-350.	
	CD2	MURASHIGE, et al., "A revised medium for rapid growth and bio assays with tobacco tissue cultures", Physiology Plant, Vol. 15, 1962, pp. 473-497.	
	CE2	NEFF, et al., "dCAPS, a simple technique for the genetic analysis of single nucleotide polymorphisms: experimental applications in <i>Arabidopsis thaliana</i> genetics", The Plant Journal, Vol. 14, No. 3, 1998, pp. 387-392.	
	CF2	OHTA, et al., "Construction and expression in tobacco of a $\beta$ -Glucuronidase (GUS) reporter gene containing an intron within the coding sequence", Plant Cell Physiology, No. 31, 1990, pp. 805-813.	
	CG2	O'SULLIVAN, et al., "A maize bacterial artificial chromosome (BAC) library from the European flint inbred line F2", Theor. Appl. Genet., Vol. 103, 2001, pp. 425-432.	
	CH2	PANG, et al., "An improved green fluorescent protein gene as a vital marker in plants", Plant Physiology, Vol. 112, 1996, pp. 893-900.	
	CI2	POOLE, et al., "The engrailed locus of drosophila: structural analysis of an embryonic transcript", Cell, Vol. 40, 1985, pp. 37-43.	
	CJ2	ROBERT, et al., "Tissue-specific expression of a wheat high molecular weight glutenin gene in transgenic tobacco", Plant Cell, Vol. 1, 1989, pp. 569-578.	
	CK2	SERNA, et al., "Maize endosperm secretes a novel antifungal protein into adjacent maternal tissue", Plant Journal, Vol. 25, No. 6, 2001, pp. 687-698.	
	CL2	SEVILLA-LECOQ, et al., "Analysis of ZmAE3 upstream sequences in maize endosperm and androgenic embryos", Plant Molecular Biology, Vol. 16, 2003, pp. 1-8.	
	CM2	SNOWDEN, et al., "Intron position affects expression from the <i>tpi</i> promoter in rice", Plant Molecular Biology, Vol. 31, 1996, pp. 689-692.	
	CN2	TALIERCIO, et al., "Isolation, characterization and expression analyses of two cell wall invertase genes in maize", Journal of Plant Physiol., Vol. 155, 1999, pp. 197-204.	
	CO2	GREENE, et al., "Maize endosperm ADP-glucose pyrophosphorylase SHRUNKEN2 and BRITTLE2 subunit interactions", The Plant Cell, Vol. 10, 1998, pp. 1295-1306.	
	CP2	VANCANNEYT, et al., "Construction of an intron-containing marker gene: splicing of the intron in transgenic plants and its use in monitoring early events in <i>Agrobacterium</i> -mediated plant transformation", Mol. Gen. Genet. Vol. 220, 1990, pp. 245-250.	
	CQ2	von HEIJNE, G., "A new method for predicting signal sequence cleavage sites", Nucleic Acids Research, Vol. 14, 1986, pp. 4683-4690.	
	CR2	WHITE, et al., "A cassette containing the bar gene of <i>Streptomyces hygroscopicus</i> : a selectable marker for plant transformation". Nucleic Acids Research, Vol. 18, No. 4, 1990, p. 1062.	
	CS2	YODER, et al., "Transformation systems for generating marker-free transgenic plants", Biotechnology, Vol. 12, 1994, pp. 263-267.	
	CT2	ZHANG, et al., "The effect of auxin on cytokinin levels and metabolism in transgenic tobacco tissue expressing an <i>ipt</i> gene", Planta, Vol. 196, 1995, pp. 84-94.	
	CU2	WHITELAW, C. A., et al., "PU1077TD ZM_0.6_1.0 KB Zea mays genomic clone ZMMBTa0591N09, genomic survey sequence", 25 Aug 2003, Accession No. CG044206.	
	CV2	WHITELAW, C.A., et al., "PUFGU88TB ZM_0.6_1.0 KB Zea mays genomic clone ZMMBTa3166007, DNA sequence", 19 MAR 2003, Accession No. BZ785501.	
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	CW2	GENOPLANTE, QBI17g05.xg QBI Zea mays cDNA clone QBI17g05, mRNA sequence", 18 JUL 2003, Accession No. CF006083.	
	CX2	GENOPLANTE, "QBI19h06.xg QBI Zea mays cDNA clone QBI19h06, mRNA sequence", 18 JUL 2003, Accession No. CF006331.	
	CY2	GENOPLANTE, "QBI23b02.xg QBI Zea mays cDNA clone QBI23b02, mRNA sequence", 18 JUL 2003, Accession No. CF006827.	
	CZ3	WALBOT, V., "687010E11.x1 687 - Early embryo from Delaware Zea mays cDNA, mRNA sequence", 03 APR 2000, Accession No. AW062022.	
	CA3	SINGH, J.A., et al., "Zm04_09f06_R Zm04_AAFC_ECORC_cold_stressed_maize_seedlings Zea may cDNA clone Zm04_09f06, mRNA sequence, 28 FEB 2001, Accession No. BG320929.	
	CB3	WHITELAW, C.A., et al., "PUBAP16TD ZM_0.6_1.0_KB Zea mays genomic clone ZMMBTa011D08, DNA sequence", 06 FEB 2003, Accession No. BZ671532.	
	CC3	GUTIERREZ-MARCOS, et al., "Maternally expressed gene 1 is a novel maize endosperm transfer cell-specific gene with a maternal parent-of-origin pattern of expression", The Plant Cell, Vol. 16, 2004, pp. 1288-1301.	
	CD3	SAMBROOK et al., Molecular Cloning, A Laboratory Manual, Cold Spring Harbour Laboratory Press, pages 9.52 - 9.62 (1989)	

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